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## METHODS AND APPARATUS FOR CONTROLLING SPECULATIVE EXECUTION OF INSTRUCTIONS

- 2 -

Named Inventor(s) / Inventor Address(es) / Inventor Citizenship(s):

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Enclosed is/are:

- [x] Transmittal Letter including fee calculations (this form, 3 pages) (in duplicate), Total Pages: 6;
- [x] Utility Patent Application Specification including Title of the Invention, Background of the Invention, Summary of the Invention, Brief Description of the Drawings, Detailed Description; 29 Claims (4 Independent, 25 dependent), Abstract of the Disclosure, Total Pages: 43;
- [x] Drawings: [x] Formal, [ ] Informal (Figs: 1, 2, 3, 4, 5, 6), Total Sheets: 6;
- [x] Newly Executed Oath/Declaration/Power Of Attorney, Total Pages: 3;
- [x] REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i); Total Pages: 1;
- [x] Assignment Papers (Assignment Recordation Cover Sheet 1 page, Copy of Assignment Document 2 pages), Total Pages: 3;
- [x] Return Receipt Pre-paid Postcard (in duplicate), Total Postcards: 2;
- [x] Authorization to Charge Deposit Account No. 50-0901, if Required;
- [x] Check in the amount of: \$992.00, with fee amounts calculated as follows:

| CLAIMS                                  | Number Filed | Number Extra | Rate    | Calculations |
|---|--------------|--------------|---------|--------------|
| Total Claims                            | 29-20 =      | 9            | x \$18  | \$162.00     |
| Independent Claims                      | 4-3 =        | 1            | x \$80  | \$ 80.00     |
| Multiple Independent Claims             |              |              | + 260 = | \$ 0.00      |
| BASIC FILING FEE =                      |              |              |         | \$710.00     |
| Total of Above Calculations =           |              |              |         | \$952.00     |
| Assignment Recordation Fee =            |              |              |         | \$ 40.00     |
| TOTAL FEE FOR THIS PATENT APPLICATION = |              |              |         | \$992.00     |

F030301: F030301

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Please direct all telephone calls and address all correspondence to:

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If the enclosed fee is insufficient, the balance may be charged to the account of the undersigned, Deposit Account No. 50-0901.

If the enclosed papers or fees are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned collect at (508) 366-9600, in Westborough, Massachusetts.

Respectfully submitted,

By: Barry W. Chapin  
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Dated: August 8, 2001

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|  |                      |  |            |
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| <b>REQUEST AND CERTIFICATION<br/>UNDER<br/>35 U.S.C. 122(b)(2)(B)(i)</b> | First Named Inventor |  | David Dice |
|  | Title                | METHODS AND APPARATUS FOR CONTROLLING<br>SPECULATIVE EXECUTION OF INSTRUCTIONS |            |
|  | Atty. Docket Number  |  | SUN01-03   |

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

August 8, 2001

Date

  
Signature

Barry W. Chapin

Type or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

**Burden Hour Statement:** This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 35 U.S.C. 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington DC 20231.